



Dart Aerospace Ltd.
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split 5169373

D044-662-041
Job Sheet 190166-A



009068

Part No: D044-662-041

Job Qty: 1 pcs

Part Name: R44 Bearpaw Wearplates



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 4/3/19

Job Tracking No:

Due Date: 2/22/19

Created By: Linda Lacelle

Type: Stock

Description:

Note: IIN-D044-662 REV E IPP Rev:A New Issue 07-01-30 JLM IPP Rev:B As per Ecn 932 & 862 07-03-28 JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Packaging 1 - Pick Kit	1 pcs	2/22/19	2/22/19	0.00	0.00	Packaging 1 - 1		DAS 28 9-89
120	QC 4	1 pcs	2/22/19	2/22/19	0.00	0.00	QC 4 - 28		
							QC 4 - 58		
							QC 4 - 69		
							QC 4 - 9		
							QC 4 - 46		DAS 46 9-89 APR 11 2019
130	Packaging 3-1 - Stock - B4B	1 pcs	2/22/19	2/22/19	0.00	0.00	Packaging 3 - 1 - B4B		DAS 46 9-89 APR 04 2019
							Packaging 3 - 2 - B4B		
							Packaging 3 - 3 - B4B		
							Packaging 3 - 4 - B4B		
							Packaging 3 - 5 - B4B		
							Packaging 3 - 6 - B4B		
							Packaging 3 - 7 - B4B		
							Packaging 3 - 8 - B4B		
							Packaging 3 - 9 - B4B		
							Packaging 3 - 10 - B4B		
							Packaging 3 - 11 - B4B		
							Packaging 3 - 12 - B4B		
							Packaging 3 - 13 - B4B		
							Packaging 3 - 14 - B4B		
							Packaging 3 - 15 - B4B		
							Packaging 3 - 16 - B4B		
							Packaging 3 - 17 - B4B		
							Packaging 3 - 18 - B4B		
							Packaging 3 - 19 - B4B		
							Packaging 3 - 20 - B4B		
							Packaging 3 - 21 - B4B		
							Packaging 3 - 22 - B4B		
							Packaging 3 - 23 - B4B		
							Packaging 3 - 24 - B4B		
							Packaging 3 - 25 - B4B		
							Packaging 3 - 26 - B4B		
							Packaging 3 - 27 - B4B		
							Packaging 3 - 28 - B4B		
							Packaging 3 - 29 - B4B		
							Packaging 3 - 30 - B4B		
							Packaging 3 - 31 - B4B		
							Packaging 3 - 32 - B4B		
							Packaging 3 - 33 - B4B		
							Packaging 3 - 34 - B4B		
							Packaging 3 - 35 - B4B		
							Packaging 3 - 36 - B4B		DAS 21 9-89 APR 04 2019
135	DC - 1 - B4B	1 pcs	2/22/19	2/22/19	0.00	0.00	DC - 1 - B4B		
							DC - 2 - B4B		
140	QC 21 - FG	1 pcs	2/22/19	2/22/19	0.00	0.00	QC 21 - FG - 21		
							QC 21 - FG - 70		DAS 21 9-89 APR 04 2019
							QC 21 - SA - 53		

Part Op 110 - (Pick Kit)

Descriptions: 120 - QC4- 100% Inspect kits for completeness)

130 - (Identify as per dwg & Stock Location: _____)

135 - (Document Control) Photocopy bluefile & type labels per PPPD044-662-041 CHG 001

140 - QC21- Final Inspection - Work Order Release)

009068

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN4-12A	Bolt	4 Ea (4 ea)	110-Packaging 1 - Pick Kit	5109960
AN4-16A	Bolt	4 Ea (4 ea)	110-Packaging 1 - Pick Kit	5157301
D2274	Radius Block	4 pcs (4 ea)	110-Packaging 1 - Pick Kit	5155948
D2529	Washer	4 pcs (4 ea)	110-Packaging 1 - Pick Kit	5168345
MS21042L4	Nut	4 Ea (4 ea)	110-Packaging 1 - Pick Kit	5149814
D3565-1	Wearplate	4 pcs (4 ea)	120-QC 4	5162051

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Packaging 1 - Pick Kit	AN4-12A	4	134	0
	AN4-16A	4	358	0
	D2274	4	59	0
	D2529	4	761	0
	MS21042L4	4	4,379	0
120-QC 4	D3565-1	4	10	0

Part Specifications

Specifications could not be found.



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D044-662-041
Job Sheet 190166

5169364

007980

Part No: D044-662-041

Job Qty: 2 pcs

Part Name: R44 Bearpaw Wearplates



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 2/5/19

Job Tracking No:

Due Date: 2/22/19

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: IIN-D044-662 REV E IPP Rev:A New Issue 07-01-30 JLM IPP Rev:B As per Ecn 932 & 862 07-03-28 JLM
Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Packaging 1 - Pick Kit	2 pcs	2/22/19		0.00	0.00	Packaging 1 - 1		
							Packaging 1 - 2		
							Packaging 1 - 3		
							Packaging 1 - 4		
							Packaging 1 - 5		
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		
							Packaging 1 - 30		
							Packaging 1 - 31		

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				Packaging 1 - 32	
				Packaging 1 - 33	
				Packaging 1 - 34	
				Packaging 1 - 35	
120 QC 4	2 pcs	2/22/19	0.00 0.00	QC 4 - 26	
				QC 4 - 28	
				QC 4 - 38	
				QC 4 - 42	
				QC 4 - 58	
				QC 4 - 6	
				QC 4 - 69	
				QC 4 - 9	
				QC 4 - 46	
130 Packaging 3-1 - Stock - B4B	2 pcs	2/22/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
135 DC - 1 - B4B	2 pcs	2/22/19	0.00 0.00	DC - 1 - B4B	
				DC - 2 - B4B	
140 QC 21 - FG	2 pcs	2/22/19	0.00 0.00	QC 21 - FG - 21	
				QC 21 - FG - 70	
				QC 21 - SA - 53	
Part Op 110 - (Pick Kit)					
Descriptions: 120 - QC4- 100% Inspect kits for completeness)					
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140 - QC21- Final Inspection - Work Order Release)					

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN4-12A	Bolt	8 Ea (4 ea)	110-Packaging 1 - Pick Kit	5109960
AN4-16A	Bolt	8 Ea (4 ea)	110-Packaging 1 - Pick Kit	5157301
D2274	Radius Block	8 pcs (4 ea)	110-Packaging 1 - Pick Kit	5130332
D2529	Washer	8 pcs (4 ea)	110-Packaging 1 - Pick Kit	5128681
D3565-1	Wearplate	8 pcs (4 ea)	110-Packaging 1 - Pick Kit	5162051 x 6
MS21042L4	Nut	8 Ea (4 ea)	110-Packaging 1 - Pick Kit	5149814

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Packaging 1 - Pick Kit	AN4-12A	8	183	0
	AN4-16A	8	613	0
	D2274	8	111	0
	D2529	8	983	0
	D3565-1	8	0	0
	MS21042L4	8	3,423	0

Part Specifications

Specifications could not be found.

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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By Lead hand / Supervisor QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
		Other/Details:			

4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D044-662-011 Bearpaw Installation	4.6 lb 2.10 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	128.1 in 3.25 m	589 in-lb 6.8 m-kg
D044-662-013 Bearpaw Installation	6.2 lb 2.81 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	129.1 in 3.28 m	800 in-lb 9.2 m-kg
D044-662-041 Wearplate Kit (installed on D044-662-011/-013 Bearpaw Kit)*	1.6 lb 0.73 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	128.3 in 3.26 m	205 in-lb 2.4 m-kg

*D044-662-041 weight and balance should be added to D044-662-011/-013 kits

5.0 PARTS LIST

Qty -011	Qty -013	Qty -041	Part Number	Description
X			D044-662-011	BEARPAW INSTALLATION
	X		D044-662-013	BEARPAW INSTALLATION
		X	D044-662-041	WEARPLATE KIT
		4	D2274	Radius Block
8	8	4	D2529	Washer
2			D3075-1	Bearpaw
	2		D3529-1	Bearpaw
4	4		D3556-1	Clamp
		4	D3565-1	Wearplate
8	8		D3601-1	Radius Block
4	4		D4953-1	Cushion (Replaces D2182B045 Cushion)
		4	AN4-12A	Bolt
4	4		AN4-14A	Bolt
4	4		AN4-15A	Bolt
		4	AN4-16A	Bolt
8	8		NAS1149D0463J	Washer (Replaces AN960JD416 Washer)
8	8	4	MS21042L4	Nut (or MS21042-4)